Airborne Computer System with Docking Station and Cockpit Holder

type number 01105

Main Feature:

The 3D-Pilot™ System has been developed for avionTEK GmbH © www.aviontek.com

and contains of three main Parts:
- 3D pilot instrument,
- Break out box,
- Cockpit holder

The 3D-Pilot Instrument itself is kept removable. This is helpful for maintenance, theft protection or environmental conditions that exceeds the specified parameters of the Instrument.
The left side interfaces of the instrument (HDMI, Ethernet USB) are for maintenance only and are hidden behind the cockpit holder in operational condition.

In normal operation, the cockpit holder together with the brake out box should be mounted inside the cockpit with a „RAM® MOUNT".
All external Sensors like GPS, compass, etc. as well as the power supply are connected as a fixed installation at the rear side interfaces of the break out box and should always remain inside the Aircraft.

Options:

- WLAN
- Internal GPS module
- ARINC429 Interface

Ask for further technical information!
Functional or interface modifications can be realized on request. Each configuration change causes a new type number.

Technical Data:

Display:	6.5" XGA LED LCD Projected Capacitive Touch
CPU:	AMD G-Series T56N dual X86 core 1.65GHz L2:512KBx2
Chipset:	A55E
Graphics:	AMD Radeon™ HD6320 Full DirectX ® 11 Open GL4.0, Shader Model 5 HW MPEG2 decode
RAM:	DDR3-1333 up to 4GB
Storage:	Up to 2x 2.5" S-ATA, SSD or CFast Type II Flash Card
Interfaces:	Main Unit 1x USB 1x HDMI 1x 10 / 100 / 1000 MBit LAN Docking Station 4x Rear USB 2.0 1x Front USB 2.0 3x RS232 1x 10 / 100 / 1000 MBit LAN 1x SDHC Card Reader
Sound:	High Definition Audio Codec w. Integrated Stereo Speakers
Controls:	On / Off, LCD Brightness 7x Programmable Function Keys 1x Push Button Rotary Encoder 1x Joystick Rotary Encoder
Power supply:	12-32 V DC according to RTCA DO160E, Sec.16 Cat. B w/o interruptions, no emergency operation at 14V Board systems Power consumption <40 W
Environment:	-20°C to 60°C (operating) -30°C to 80°C (storage) IP 53 / EN60529, Designed to meet TSO-C106, TSO-C113
Case:	milled aluminium alloy
Surface treatment:	laquered, black matt RAL 9021-HR
Dimensions:	180 x 195 x 95 mm (W x H x D)
Weight:	2.2 kg